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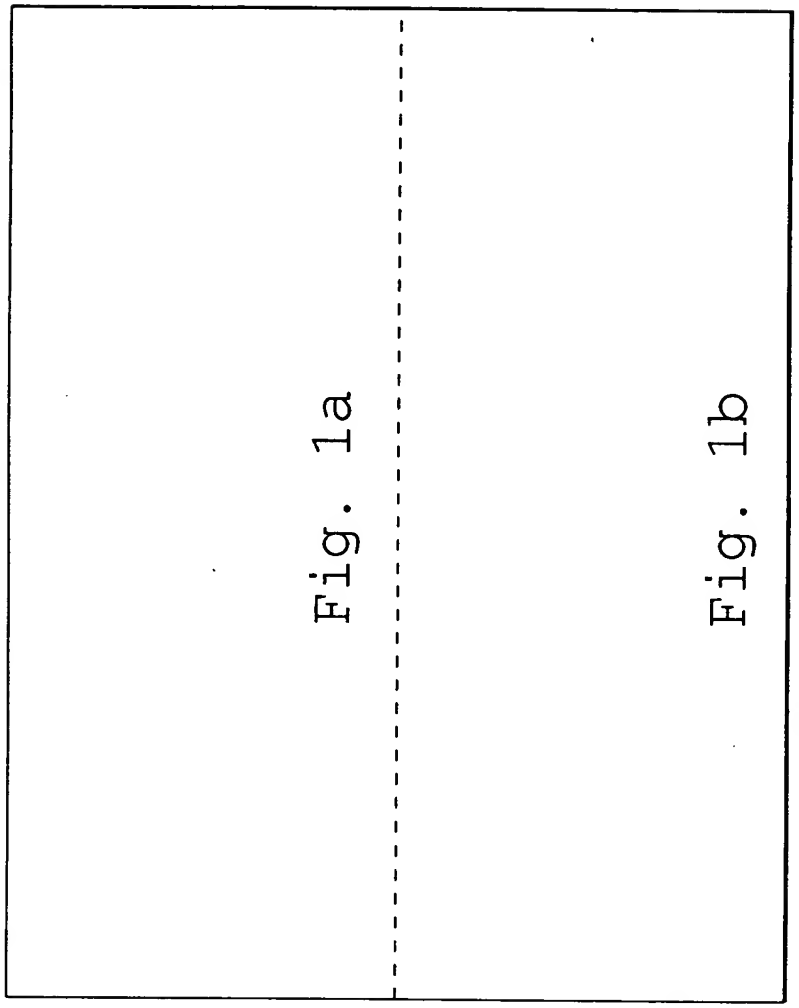

Fig. 1

T06T0T* 0EE0E00T

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 1 Periodontain    1 -MKKSFLLAIVMLFGIAMQGHSAPVTKERALSLAR--LALRQVSLRMGQTAVSDKISIDY

   Streptopain    61 DIKLDKVNLG----GELSGSNMYVYNISTG-GFVTVSGDKRSPEILGYSTSGSFDANGKE
   prtT           55 VYK--AAER-----EE---ALFFVFNRGEKDGFLLVAADDRFPEVIGYAFKGHFDAARIP
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   prtT          105 DNLRGWLKGYEREMLAVMDGKAEPIDPIREAKPTRDEPSSIAPILETGEHASDPILWDQG
   Periodontain  118 DNLRMWLQIYDQEIGLILSGKAQLNEEILR---TEGVPAEVHALMDNGHFANDPMRWNQG

                                    *
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   Periodontain  175 YPWNNKEPLLP----------NGNHAYTGCVATAAAQIMRYHSWPLQGEGSFDYHAGSLVG

   Streptopain   224 YFNHPKNLFAAISTRQYNWNNILPTYSGR-ESNVQKMAISELMADVGISVDMDYGPSSGS
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   Periodontain  226 N-------WSGTFGEMYDWINMPGNPDLDNLTQSQVDAYATLMRDVSASVSMSFYENGSG

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   Periodontain  279 TYSVYVVGALRNNFRYKRSLQLHVRALYTSQEWHDMIRGELASGRPVYYAGNNQSIGHAF

   Streptopain   343 VIDGADGRNFYHVNWGWGGVSDGFFRLDALNPSALGTGGGAGGFNGYQSAVVGIKP----
   prtT          330 VCDGYEPDGTFHFNWGWGGMSNGNFYLNLLNPGSLGTRAGDGGYSTDQEVVIGIEPASNE
   Periodontain  339 VCDGYASDGTFHFNWGWGGVSNGFYKLTLLSPTSLGIGGEGIGFTIYQEIITGIEPAKTP
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Fig. 1a

Title: A POLYPEPTIDE HAVING AMIDOLYTIC ACTIVITY FOR A SERPIN
Applicant(s): James Travis, et al.
Serial No.: Assigned Filed: Even date herewith Docket: 5.00210101
Express Mail EL888271957US
2/7
Sheet 2 of 7
10/030330

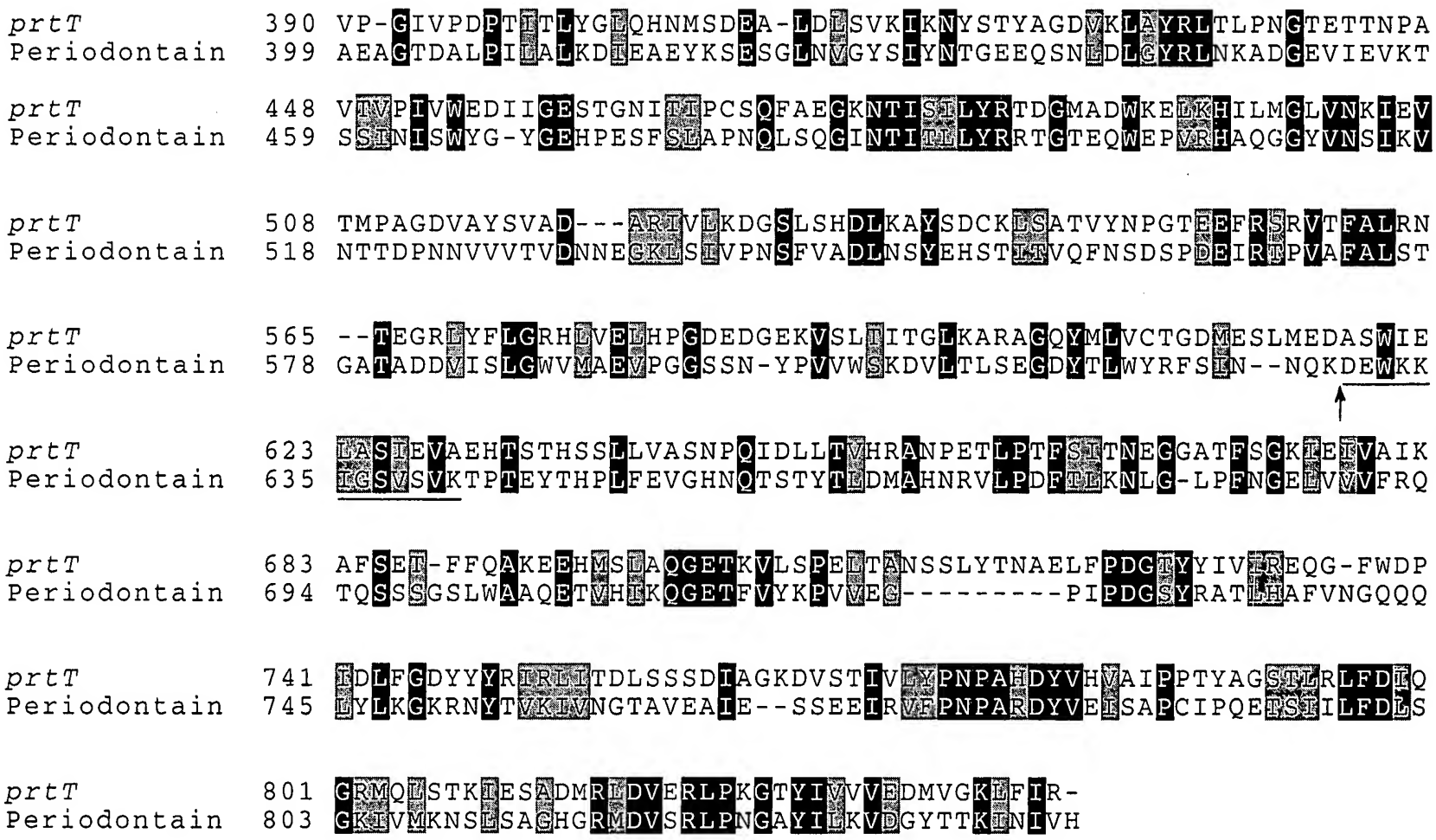

Fig. 1b

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Title: A POLYPEPTIDE HAVING AMIDOLYTIC ACTIVITY FOR A SERPIN
Applicant(s): James Travis, et al.
Serial No.: Not yet assigned
Express Mail No.: EV271957US
Filed: Even date herewith
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Sheet 3 of 7
10/030330

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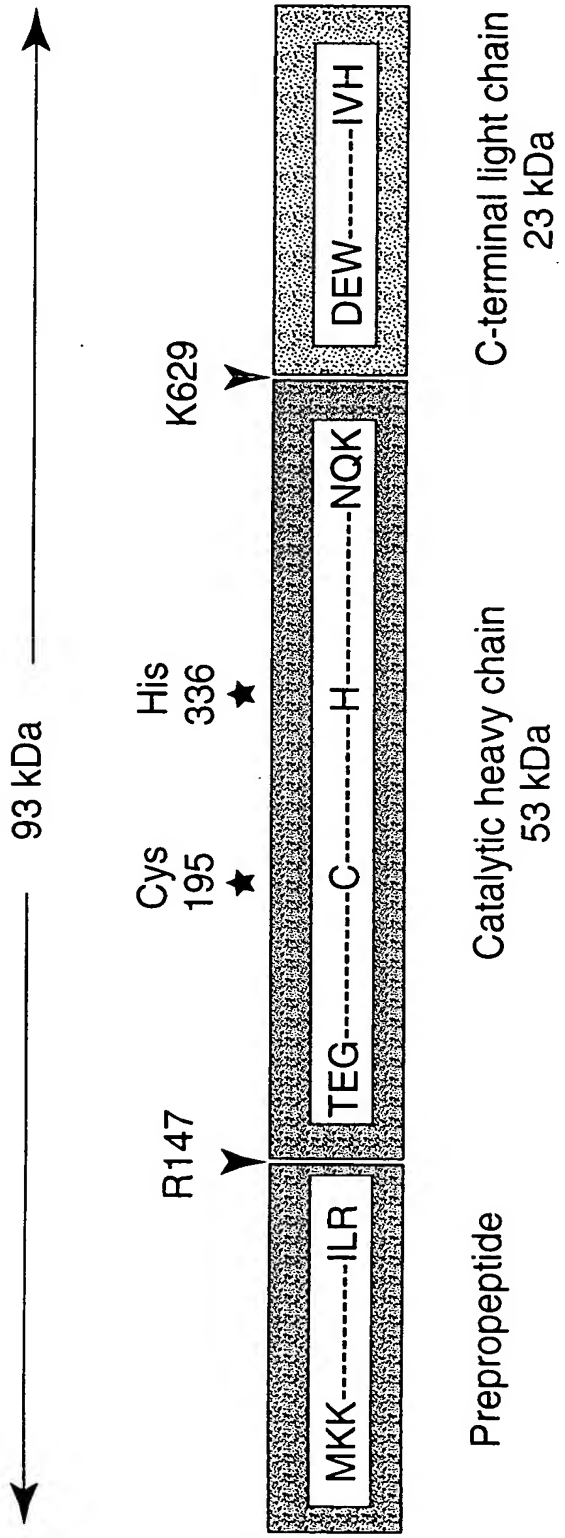

Fig. 2

FOOTER: 08606007

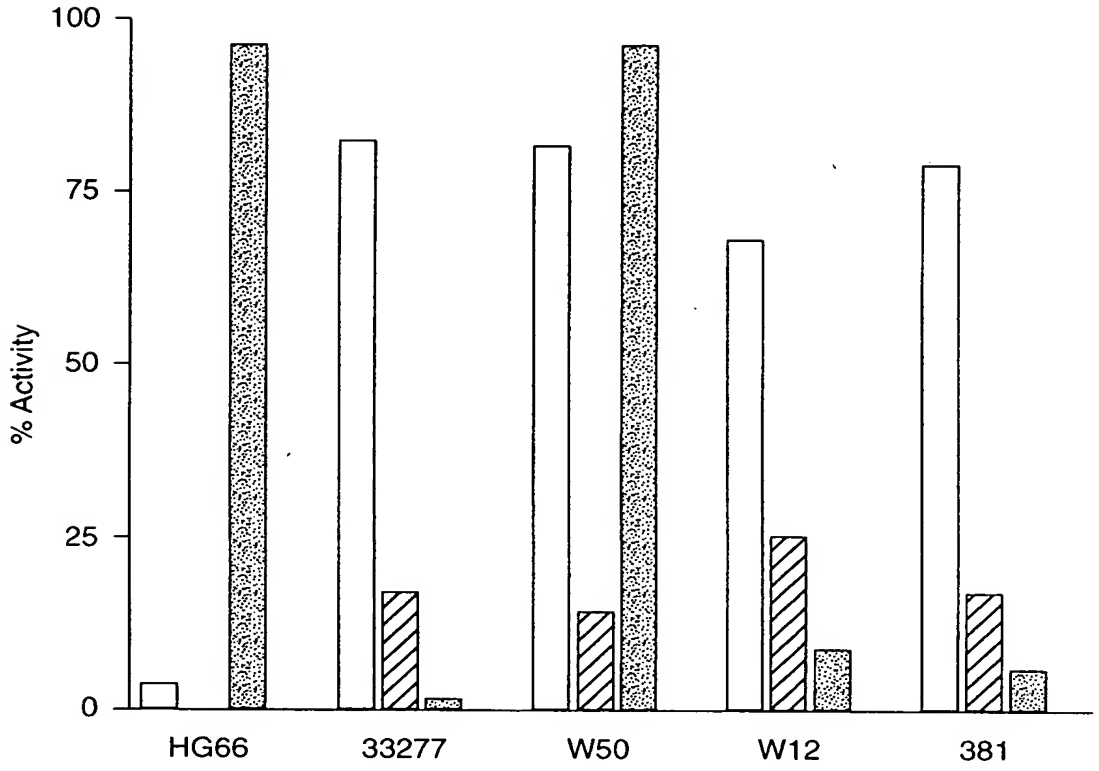

Fig. 3

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Fig. 4

GAMFLEAIPMSIPPE

SEQ ID NO:4

Fig. 6

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Fig. 5

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SEQ ID NO:2

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